

for use in accordance with the invention is 4-hydroxybenzophenone.

In the text below, the covalently bonded photoinitiator
5 side groups and end groups of the Norrish II type are
referred to for the sake of brevity as "photoinitiator
groups II".

In accordance with the invention, polymers (A)
10 containing both at least one structural unit I and/or
II and at least one photoinitiator group II are
particularly advantageous and are therefore used with
very particular preference.

15 Particularly suitable polymers (A) include polyacrylates, polyurethanes, polyethers, and polyepoxides. They may be used individually or as a mixture. In accordance with the invention, the polyacrylates, the polyurethanes, and the polyepoxides are of advantage
20 and are therefore used with preference. Of these, the polyacrylates are especially advantageous and are therefore used with particular preference in accordance with the invention.

25 The term "polyurethanes" in this context embraces not only substances whose main chains are linked by way of urethane bonds but also substances having ester or

ether chain links, i.e., the compounds known as polyester urethanes and polyether urethanes.

The polyurethanes (A) for use in accordance with the
5 invention may be obtained in a conventional manner from
polyfunctional isocyanates and compounds which contain
isocyanate-reactive groups, and also from

- compounds containing at least one structural unit
10 I and/or V,
- compounds containing at least one structural unit
II and/or VI
and/or
- compounds containing at least one structural unit
15 I and/or V and at least one structural unit II
and/or VI, these compounds each containing at
least one isocyanate-reactive group,

and/or from

- 20
- compounds containing at least one photoinitiator group and at least one isocyanate-reactive group.

The structural unit I or V, respectively, may in this
25 case be introduced through the use of, for example,
dihydrodicyclopentadienol or its maleic monoesters and
fumaric monoesters. The structural unit II or VI,

respectively, may be introduced accordingly through the use of oligomeric dihydronyclopentadienol or its maleic and fumaric monoesters. The photoinitiator group II may be introduced, for example, through the use of
5 4-hydroxybenzophenone and/or benzophenonetetra-carboxylic acid compounds. Where compounds are used which are reactive polyfunctionally with isocyanate, polymers or oligomers are formed.

10 The polyepoxides (A) for use in accordance with the invention are obtained in conventional manner from epoxy resins which are known per se and are available commercially, for example of the bisphenol A epoxy resin type, by reaction with
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- compounds containing at least one structural unit I and/or V,

- compounds containing at least one structural unit II and/or VI

20 and/or

- compounds containing at least one structural unit I and/or V and at least one structural unit II and/or VI, these compounds each containing at least one epoxide-reactive group,

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and/or from